

AMENDMENT TO THE CLAIMS

1. (currently amended) An apparatus for the firing of a cartridge for firearms, wherein the apparatus is arranged within the cartridge, ~~having~~the apparatus comprising:
an interface for ~~communicating with~~transmitting an identification stored in the cartridge
to an apparatus which is arranged out of the cartridge within the firearm, and for
receiving data transmitted from said apparatus arranged within the firearm,
a control ~~means~~means for comparing a password stored in the cartridge with the received
data, and
a security means which ~~is only~~can be released releasable by a signal transmitted from the
control means if the stored password and the received data match~~by a signal transmitted~~
~~from the control means.~~
2. (previously presented) The apparatus according to claim 1, wherein the security means is an energy barrier.
3. (currently amended) The apparatus according to claim 1, wherein the apparatus within the cartridge comprises a firing transducer.
4. (previously presented) The apparatus according to claim 3, wherein the firing transducer effects a firing of the cartridge depending on a firing energy supplied over the interface.
5. (currently amended) The apparatus according to claim ~~4~~3, wherein ~~the~~a firing energy is supplied to the firing transducer depending on the releasing of the security means or an energy barrier.
6. (currently amended) The apparatus according to claim ~~4~~3, wherein ~~the~~a firing energy is inhibited, blocked and/or passed by the firing transducer by the security means or an energy barrier.

7. (currently amended) The apparatus according to claim ~~4~~3, wherein the firing transducer can be permanently inactivated by a respective outer impact.
8. (currently amended) The apparatus according to claim 1, wherein the apparatus within the cartridge comprises a memory.
9. (previously presented) The apparatus according to claim 8, wherein the data stored can be at least partially read from the memory.
10. (cancelled)
11. (cancelled)
12. (currently amended) The apparatus according to claim 10, wherein at least the data used for comparing cannot be read from the memory in an unauthorized manner.
13. (previously presented) The apparatus according to claim 1, wherein the apparatus comprises at least one chip or microchip.
14. (previously presented) The apparatus according to claim 1, wherein the apparatus is a percussion cap or is integrated in such.
15. (previously presented) The apparatus according to claim 1, wherein the apparatus is protected against attacks by electrical, mechanical, chemical, thermal energy and/or radiation.
16. (original) The apparatus according to claim 15, wherein such attacks lead to a permanent destruction of the capability to fire the cartridge.

17. (currently amended) An apparatus for releasing a cartridge ~~for firearms~~according to claim 1, wherein the apparatus is arranged within the firearm, having an operating device calculating releasing data, and a cartridge interface for ~~communicating~~receiving identification data from ~~with a~~the cartridge and for transmitting the releasing data to the cartridge.

18. (previously presented) The apparatus according to claim 17, wherein the apparatus comprises at least one data interface and/or at least one authentication interface.

19. (previously presented) The apparatus according to claim 17, wherein the apparatus comprises a control.

20. (previously presented) The apparatus according to claim 17, wherein the operating device can be divided such that at least one part of the operating device is assigned to the firearm and/or at least one part of the operating device is assigned to the munitions and/or at least one part of the operating device is assigned to a user.

21. (previously presented) The apparatus according to claim 17, wherein the apparatus comprises a trigger sensor.

22. (previously presented) The apparatus according to claim 17, wherein the apparatus comprises a data memory.

23. (previously presented) The apparatus according to claim 17, wherein the apparatus comprises a firing impulse generator.

24. (previously presented) The apparatus according to claim 17, wherein the authentication

interface is a transponder interface and/or a biometric sensor.

25. (previously presented) The apparatus according to claim 17, wherein the operating device and/or the data memory are such formed that data can be stored and/or processed securely against unauthorized reading and manipulation.

26. (currently amended) An apparatus for securing the firing of a shot from a firearm, comprising:

a device for the firing of a cartridge for firearms, wherein the apparatus is arranged within the cartridge, ~~having~~said apparatus comprising:

- _____ an interface for transmitting an identification stored in the cartridge to communicating with an apparatus which is arranged within the firearm out of the cartridge and for receiving releasing data transmitted from said apparatus arranged within the firearm,

a control means for comparing a password stored in the cartridge with the received releasing data, and

- _____ a security means which canis only be releasedreleasable by a signal transmitted from the control means if the stored password and the received releasing data match, and

~~an~~wherein said apparatus for releasing a cartridge for firearms, wherein the apparatus is arranged within the firearm comprises:

~~, having~~an operating device calculating the releasing data, and a cartridge interface for communicating with athe cartridge and for transmitting the releasing data.

27. (currently amended) Munitions for firearms, characterized in that the munitions comprise a securing device which can be released by transmitting of predetermined data and wherein the munitions comprises:-

an apparatus for the firing of a cartridge for firearms, wherein the apparatus is arranged within the cartridge, having
an interface transmitting an identification stored in the cartridge to an apparatus which is arranged within the firearm and for receiving data transmitted from said apparatus within the firearm,
a control means for comparing a password stored in the cartridge with the received data,
and
a security means which is only releasable by a signal transmitted from the control means if the stored password and the received data match.

28. (cancelled)

29. (currently amended) A method for securing cartridges for firearms, wherein the cartridge can be released by transmitting predetermined data, wherein the method comprises the steps of:-
transmitting a cartridge identity stored in the cartridge to an apparatus arranged within the firearm,
determining by means of the apparatus arranged within the firearm a cartridge password on the basis of the received cartridge identify, and
transmitting the determined cartridge password from the apparatus arranged within the firearm to the cartridge,
wherein the cartridge only allows a firing if the determined cartridge password and a password stored in the cartridge are identified to match by means of a control means arranged within the cartridge.

30. (cancelled)

31. (currently amended) The method according to claim ~~30~~29, wherein user-, firearm- and/or surrounding-related data are necessary for performing the determining of the cartridge password and/or for correctly determining the cartridge password.